



PATENT APPLICATION

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10/24/02

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of

Satoshi SERIZAWA

Group Art Unit: 2834

Application No.: 09/938,594

Filed: August 27, 2001

Docket No.: 110052

For: PIEZOELECTRIC DEVICE AND MANUFACTURING METHOD THEREFOR

INFORMATION DISCLOSURE STATEMENT

Director of the U.S. Patent and Trademark Office
Washington, D.C. 20231

Sir:

Pursuant to 37 CFR §1.56, the attention of the Patent and Trademark Office is hereby directed to the reference(s) listed on the attached PTO-1449. Unless otherwise indicated herein, one copy of each reference is attached. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the reference(s) be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

- ☒ 1. This Information Disclosure Statement is being filed (a) within three months of the U.S. filing date of this non-CPA application, OR (b) before the mailing date of a first Office Action on the merits in the present application. No certification or fee is required.
- ☒ 2. The references were cited in a counterpart foreign application. An English language version of the foreign search report is attached for the Examiner's information.

Respectfully submitted,

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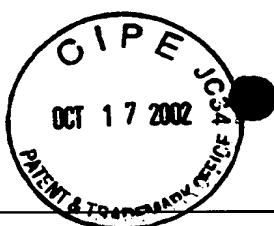
JAO:EDM/jfl

Date: October 17, 2002

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Sheet 1 of 1

Form PTO-1449 (REV. 8-83)		US Dept. of Commerce PATENT & TRADEMARK OFFICE		ATTY DOCKET NO. 110052		APPLICATION NO. 09/938,594	
INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)				APPLICANT(S) Satoshi SERIZAWA			
				FILING DATE August 27, 2001		GROUP 2834	
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	
		5,844,452	12/01/98	YAMAMOTO ET AL.			
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	
		JP 10 284975 (w/English Abstract only)	10/23/98	JAPAN			
		JP 10 256415 (w/English Abstract only)	09/25/98	JAPAN			
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)							
EXAMINER					DATE CONSIDERED		
Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							

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DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.Cl.7)
A	US 5 844 452 A (TAKESHIMA TETSUO ET AL) 1 December 1998 (1998-12-01) * column 7, line 24 - line 43; figure 2A * ----	1,4	H03H9/05 H03H9/10
A	PATENT ABSTRACTS OF JAPAN vol. 1999, no. 01, 29 January 1999 (1999-01-29) & JP 10 284975 A (TOYO COMMUN EQUIP CO LTD), 23 October 1998 (1998-10-23) * abstract * ----	1,4	
A	PATENT ABSTRACTS OF JAPAN vol. 1998, no. 14, 31 December 1998 (1998-12-31) & JP 10 256415 A (TOYO COMMUN EQUIP CO LTD), 25 September 1998 (1998-09-25) * abstract * -----	1,4	
			TECHNICAL FIELDS SEARCHED (Int.Cl.7)
			H03H H01L
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 30 September 2002	Examiner D/L PINTA BALLE., L
<div>CATEGORY OF CITED DOCUMENTS</div> <div><div>X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document</div><div>T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document</div></div>			

**ANNEX TO THE EUROPEAN SEARCH REPORT
ON EUROPEAN PATENT APPLICATION NO.**

EP 01 12 0320

This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report. The members are as contained in the European Patent Office EDP file on
The European Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

30-09-2002

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